

10799505_CLS.txt
Most frequently occurring classifications of patents returned
from a search of 10799505 on Aug 21 , 2007

Original Classifications

7 704/233
6 381/94.3
3 704/219
3 704/200.1
2 704/226
2 375/242
2 375/243
2 708/322

Cross-Reference Classifications

15 704/226
9 704/E21.004
5 704/200.1
5 704/227
4 704/233
3 704/225
3 704/228
3 704/E19.006
3 704/230
3 704/224
3 704/E15.039
3 704/E19.019
2 381/317
2 704/234
2 704/229
2 375/243
2 704/203
2 704/205
2 704/E19.039

Combined Classifications

17 704/226
11 704/233
9 704/E21.004
8 704/200.1
6 381/94.3
5 704/227
4 704/225
4 704/230
4 375/243
3 704/234
3 704/228
3 704/E19.006
3 704/219
3 704/229
3 704/224
3 704/E15.039
3 704/E19.019
2 381/317
2 381/94.2
2 704/201
2 375/242
2 704/203
2 704/205
2 375/147
2 704/E19.039
2 708/322

Titles of most frequently occurring classifications of patents returned
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- 17 704/226 (2 OR, 15 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/200 .SPEECH SIGNAL PROCESSING
704/201 ..For storage or transmission
704/226 ...Noise
- 11 704/233 (7 OR, 4 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/200 .SPEECH SIGNAL PROCESSING
704/231 ..Recognition
704/233 ...Detect speech in noise
- 9 704/E21.004 (0 OR, 9 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/E21.001 .MODIFICATION OF AT LEAST ONE CHARACTERISTIC OF SPEECH WAVES
(EPO)
704/E21.002 ..Speech enhancement, e.g., noise reduction, echo
cancellation, etc. (EPO)
704/E21.003 ...Applications (EPO)
704/E21.004Speech corrupted by noise (EPO)
- 8 704/200.1 (3 OR, 5 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/200 .SPEECH SIGNAL PROCESSING
704/200.1 ..Psychoacoustic
- 6 381/94.3 (6 OR, 0 XR)
Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/94.1 .NOISE OR DISTORTION SUPPRESSION
381/94.2 ..Spectral adjustment
381/94.3 ...In multiple frequency bands
- 5 704/227 (0 OR, 5 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/200 .SPEECH SIGNAL PROCESSING
704/201 ..For storage or transmission
704/226 ...Noise
704/227Pretransmission
- 4 704/225 (1 OR, 3 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/200 .SPEECH SIGNAL PROCESSING
704/201 ..For storage or transmission
704/225 ...Gain control
- 4 704/230 (1 OR, 3 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/200 .SPEECH SIGNAL PROCESSING
704/201 ..For storage or transmission
704/230 ...Quantization
- 4 375/243 (2 OR, 2 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS
 375/242 .PULSE CODE MODULATION
 375/243 ..Correcting or reducing quantizing errors

3 704/234 (1 OR, 2 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/231 ..Recognition
 704/234 ...Normalizing

3 704/228 (0 OR, 3 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/201 ..For storage or transmission
 704/226 ...Noise
 704/228Post-transmission

3 704/E19.006 (0 OR, 3 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/E19.001 .SPEECH OR AUDIO SIGNAL ANALYSIS-SYNTHESIS TECHNIQUES FOR
 REDUNDANCY REDUCTION, E.G., IN VOCODERS, ETC.; CODING OR DECODING OF SPEECH OR AUDIO
 SIGNALS; COMPRESSION OR EXPANSION OF SPEECH OR AUDIO SIGNALS, E.G., SOURCE-FILTER
 MODELS, PSYCHOACOUSTIC ANALYSIS, ETC. (EPO)
 704/E19.006 ..Comfort noise, silence coding (EPO)

3 704/219 (3 OR, 0 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/201 ..For storage or transmission
 704/219 ...Linear prediction

3 704/229 (1 OR, 2 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/201 ..For storage or transmission
 704/229 ...Adaptive bit allocation

3 704/224 (0 OR, 3 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/201 ..For storage or transmission
 704/224 ...Normalizing

3 704/E15.039 (0 OR, 3 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/E15.001 .SPEECH RECOGNITION (EPO)
 704/E15.039 ..Speech recognition techniques for robustness in adverse
 environments, e.g., in noise, of stress induced speech, etc. (EPO)

3 704/E19.019 (0 OR, 3 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/E19.001 .SPEECH OR AUDIO SIGNAL ANALYSIS-SYNTHESIS TECHNIQUES FOR
 REDUNDANCY REDUCTION, E.G., IN VOCODERS, ETC.; CODING OR DECODING OF SPEECH OR AUDIO
 SIGNALS; COMPRESSION OR EXPANSION OF SPEECH OR AUDIO SIGNALS, E.G., SOURCE-FILTER
 MODELS, PSYCHOACOUSTIC ANALYSIS, ETC. (EPO)

704/E19.01 ..Using spectral analysis, e.g., transform vocoders, subband vocoders, perceptual audio coders, psychoacoustically based lossy encoding, etc., e.g., MPEG audio, Dolby AC-3, etc. (EPO)

704/E19.018 ...Using subband decomposition (EPO)

704/E19.019Subband vocoders (EPO)

2 381/317 (0 OR, 2 XR)

Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES

381/312 .HEARING AIDS, ELECTRICAL

381/317 ..Noise compensation circuit

2 381/94.2 (1 OR, 1 XR)

Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES

381/94.1 .NOISE OR DISTORTION SUPPRESSION

381/94.2 ..Spectral adjustment

2 704/201 (1 OR, 1 XR)

Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/200 .SPEECH SIGNAL PROCESSING

704/201 ..For storage or transmission

2 375/242 (2 OR, 0 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS

375/242 .PULSE CODE MODULATION

2 704/203 (0 OR, 2 XR)

Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/200 .SPEECH SIGNAL PROCESSING

704/201 ..For storage or transmission

704/203 ...Transformation

2 704/205 (0 OR, 2 XR)

Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/200 .SPEECH SIGNAL PROCESSING

704/201 ..For storage or transmission

704/205 ...Frequency

2 375/147 (1 OR, 1 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS

375/130 .SPREAD SPECTRUM

375/140 ..Direct sequence

375/147 ...Receiver

2 704/E19.039 (0 OR, 2 XR)

Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/E19.001 .SPEECH OR AUDIO SIGNAL ANALYSIS-SYNTHESIS TECHNIQUES FOR REDUNDANCY REDUCTION, E.G., IN VOCODERS, ETC.; CODING OR DECODING OF SPEECH OR AUDIO SIGNALS; COMPRESSION OR EXPANSION OF SPEECH OR AUDIO SIGNALS, E.G., SOURCE-FILTER MODELS, PSYCHOACOUSTIC ANALYSIS, ETC. (EPO)

704/E19.023 ..Using predictive techniques; codecs based on source-filter modelization (EPO)

704/E19.039 ...Details of speech and audio coders (EPO)

2 708/322 (2 OR, 0 XR)

Class 708 ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING AND CALCULATING

708/100 .ELECTRICAL DIGITAL CALCULATING COMPUTER

708/200 ..Particular function performed

708/300 ...Filtering

708/322Adaptive

10799505_CLSTITLES.txt